



Model No.
Lithium 40v Battery Charging Base (LFV-CB)

LITHIUM 40v

LITHIUM ION BATTERY CHARGER



Model No.
Lithium 40v Battery
Charging Base
(LFV-CB)

OWNER'S MANUAL



READ ALL SAFETY RULES AND INSTRUCTIONS CAREFULLY BEFORE OPERATING



STRIKEMASTER® LITHIUM 40v CHARGING BASE CONTENTS

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PRODUCT SPECIFICATIONS

COMPONENTS

- StrikeMaster 40v Lithium Battery Charging Base is compatible with the Lithium 40v 5 amp(LFV-B)
- Input: 120v AC 50/60Hz 1.5A
- Output: 40v DC 2.2A
- Weight: 1.48 lbs., (0.67 kg)

STRIKEMASTER® LITHIUM 40v BATTERY CHARGING BASE **QUICK START**

Model No.
Lithium 40v Battery Charging Base (LFV-CB)



IMAGE 1

5 AMP
(LFV-B)

Compatible
with Lithium 40v
5 amp Lithium Ion Battery

1. Remove Lithium 40v Battery Charging Base from carton (*Image 1*). Plug in.
2. Unpack Battery, slide Battery onto Battery Charging Base using the channels on both sides as a guide (*Image 2*). Press down until you hear it click in place. Leave Battery on Battery Charging Base until fully charged.

NOTE: Battery is not fully charged when first removed from box and will not charge until Battery's core temperature is above 32°F/2°C

3. When Battery Charging Base indicator shows green, your Battery is fully charged (*Image 3*). Your StrikeMaster Lithium 40v Battery is ready for use.

Your StrikeMaster Lithium 40v Battery Charging Base has built in "Smart Charging Technology". The chart below shows you the correct charging procedure/occurrences that could be experienced while charging.



IMAGE 2

GREEN

IMAGE 3

CHARGING PROCEDURE----DO NOT REMOVE

BATTERY IS CHARGING	● RED	● RED
FULLY CHARGED	● RED	● GREEN
BATTERY IS TOO COOL OR TOO WARM TO CHARGE (REMOVE FOR APPROX. 30 MINUTES)	● RED	● ORANGE
NO BATTERY PRESENT	● RED	○ OFF
DEFECTIVE BATTERY (REFER TO OWNERS MANUAL)	● RED	⌋ ● ⌋ RED BLINKING

REGISTER YOUR PRODUCT ONLINE TO ACTIVATE YOUR WARRANTY

www.rapala.com/content/rapala-brand-warranties/strikemaster-warranty.html

GENERAL POWER TOOL SAFETY WARNINGS

WARNING

READ ALL SAFETY WARNINGS, INSTRUCTIONS AND SPECIFICATIONS PROVIDED WITH POWER TOOL.

Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery operated (cordless) power tool.

1) WORK AREA SAFETY

- A) Keep work area clean and well lit. *Cluttered or dark areas invite accidents.*
- B) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. *Power tools create sparks which may ignite the dust or fumes.*
- C) Keep children and bystanders away while operating a power tool. *Distractions can cause you to lose control.*

2) ELECTRICAL SAFETY

- A) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- B) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. *There is an increased risk of electric shock if your body is earthed or grounded.*
- C) Do not expose power tools to rain or wet conditions. *Water entering a power tool will increase the risk of electric shock.*
- D) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. *Damaged or entangled cords increase the risk of electric shock.*
- E) When operating a power tool outdoors, use an extension cord suitable for outdoor use. *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- F) If operating a power tool in a damp location is unavoidable, use a RESIDUAL CURRENT DEVICE (RCD) protected supply. *Use of an RCD reduces the risk of electric shock.*

NOTE: The term "RESIDUAL CURRENT DEVICE (RCD)" may be replaced by the term "ground fault circuit interrupter (GFCI)" or "earth leakage circuit breaker (ELCB)".

3) PERSONAL SAFETY

- A) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. *A moment of inattention while operating power tools may result in serious personal injury.*
- B) Use personal protective equipment. Always wear eye protection. *Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.*
- C) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. *Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.*
- D) Remove any adjusting key or wrench before turning the power tool on. *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
- E) Do not overreach. Keep proper footing and balance at all times. *This enables better control of the power tool in unexpected situations.*
- F) Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts. *Loose clothes, jewelry or long hair can be caught in moving parts.*
- G) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. *Use of dust collection can reduce dust-related hazards.*
- H) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. *A careless action can cause severe injury within a fraction of a second.*

4) POWER TOOL USE AND CARE

- A) Do not force the power tool. Use the correct power tool for your application. *The correct power tool will do the job better and safer at the rate for which it was designed.*
- B) Do not use the power tool if the switch does not turn it on and off. *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
- C) Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools. *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- D) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. *Power tools are dangerous in the hands of untrained users.*
- E) Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. *Many accidents are caused by poorly maintained power tools.*
- F) Keep cutting tools sharp and clean. *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- G) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. *Use of the power tool for operations different from those intended could result in a hazardous situation.*
- H) Keep handles and grasping surfaces dry, clean and free from oil and grease. *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5) BATTERY TOOL USE AND CARE




- A) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- B) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- C) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- D) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- E) Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- F) **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 265°F/130°C may cause explosion.
- G) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

6) SERVICE





- A) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- B) **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

SYMBOLS

The following signal words and meanings are intended to explain the levels of risk associated with this product.

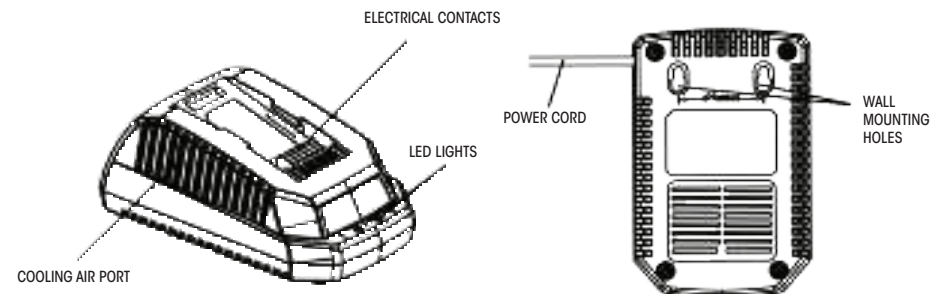
SYMBOL	SIGNAL	MEANING
	DANGER	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	WARNING	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	CAUTION	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	CAUTION	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

SYMBOL	NAME	MEANING
V	VOLTS	Voltage
Hz	HERTZ	Frequency (cycles per second)
W	WATTS	Power
 or d.c.	DIRECT CURRENT	Type or a characteristic of current.
RPM	NO LOAD SPEED	Rotational speed at no load.
	WET CONDITIONS ALERT	Do not expose to rain or use in damp locations.
	SAFETY ALERT	Indicates a potentially personal injury hazard.
	READ OWNER'S MANUAL	To reduce risk of injury, user must read and understand owner's manual before using this product.

KNOW YOUR CHARGING BASE

The safe use of this product requires an understanding of the information on the product and in this owner's manual as well as a knowledge of the project you are attempting. Before using this product, familiarize yourself with all operating features and safety rules.



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING

Changes or modifications to this unit not expressly approved by the manufacturer for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

Do not allow familiarity with products make you careless. Remember a careless fraction of a second is sufficient to inflict serious injury.

WARNING

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

CAUTION

Charge in a well ventilated area. Do not block charger vents. Keep them clear to allow proper ventilation.

OPERATION

CHARGING PROCEDURE

NOTE: The Battery Pack is not shipped fully charged. It is recommended to fully charge before first use to ensure that maximum run time can be achieved. This lithium-ion battery will not develop a memory and may be charged at any time.

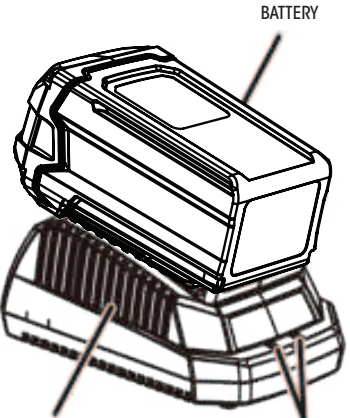
LOW VOLTAGE CHARGING

If the battery has been stored with little to no charge for a long period of time, the charger will go into recovery mode, which will take 20 hrs. to fully charge the battery. This will enhance the life of the battery. Once it is fully charged, the next charge will return to standard charging.

A fully discharged battery pack will require approximately 150 minutes for 5ah to fully charge from a discharged state.

- 1. Plug the Charging Base into an AC power outlet.
- 2. Insert the Battery into the Charging Base.

This is a diagnostic charger. The Charging Base LED Lights will illuminate in specific order to communicate the current battery status. They are as follows:



CHARGING PROCEDURE----DO NOT REMOVE			
BATTERY IS CHARGING	● RED	● RED	
FULLY CHARGED	● RED	● GREEN	
BATTERY IS TOO COOL OR TOO WARM TO CHARGE (REMOVE FOR APPROX. 30 MINUTES)	● RED	● ORANGE	
NO BATTERY PRESENT	● RED	○ OFF	
DEFECTIVE BATTERY (REFER TO OWNERS MANUAL)	● RED	⌋ RED ⌋ BLINKING	

FALSE DEFECT NOTE

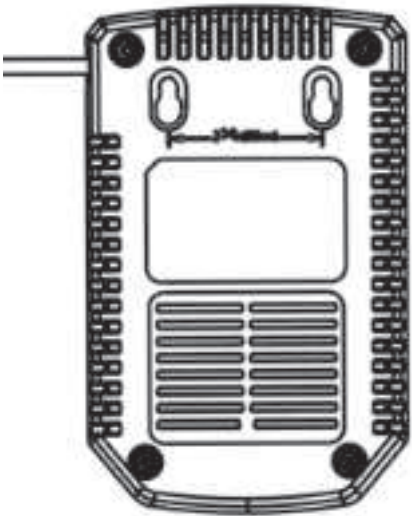
When the Battery is inserted into the Charging Base and the status LED blinks RED, remove the Battery from the charger for 1 minute, then reinsert. If the status LED blinks GREEN, then the Battery is properly charging. If the status LED is still blinking RED, remove the Battery and unplug the Charging Base for 1 minute. After 1 minute, plug in the Charging Base and reinsert the Battery. If the status LED blinks GREEN, then the Battery is properly charging. If the status LED is still blinking RED, the Battery is defective and needs to be replaced.

NOTE: When the red indictor flickers, pull out the Battery from the Charging Base and insert again within 2 hours. If the indicator shows charging, that means the Battery is good. After 2 hours, please pull out the Battery and also pull out the AC power plug of the Charging Base for 1 minute, and then insert the AC power plug and the Battery again. If the indicator shows charging, that means the Battery is good. If not, the Battery needs to be replaced.

OPERATION

CHARGING BASE MOUNTING

- 1. This Charging Base can be installed hanging on a wall using two screws (not included)
- 2. Locate the placement for the Charging Base to be wall mounted.
- 3. If fastening to wood studs use 2 wood screws.
- 4. Drill two holes 2-3/8" (6 cm) on center ensuring they are level.
- 5. If fastening to drywall use wall anchors and screws to secure the Charging Base to the wall.
- 6. This power unit is intended to be correctly orientated in a vertical or floor mount position.



NOTE: If the Battery and the Charging Base won't be used for a long time, remove the Battery from the Charging Base and unplug the AC power plug.

MAINTENANCE

⚠ WARNING

To avoid serious personal injury, always remove the Battery from the Auger when cleaning or performing any maintenance.

⚠ WARNING

When servicing, use only identical StrikeMaster replacement parts. Use of any other parts may create a hazard or cause product damage

⚠ WARNING

It is not recommended to use compressed air as cleaning method of this charger. If cleaning with compressed air is the only method to apply, always wear safety goggles or safety glasses with side shields when using compressed air to clean tool. If the operation is dusty, also wear a dust mask.

GENERAL MAINTENANCE

- Brush or blow dust and debris out of the air vents using compressed air or a vacuum. Keep the air vents free of obstructions, sawdust, and wood chips. Do not spray, wash, or immerse the air vents in water.
- Wipe off the housing and the plastic components using a dry, soft cloth. Do not use strong solvents or detergents on the plastic housing or plastic components. Certain household cleaners may cause damage and may cause a shock hazard.

STORAGE

- Always remove the Battery Pack before storing the Charging Base or any time the Charging Base is unplugged.
- Do not place the Battery Pack in the sun or in an extremely warm environment. Keep at normal room temperature.
- If the battery will not be used for 3 months or more, store the Battery in a controlled temperature environment. Fully charge before storage.

⚠ WARNING

Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc. to come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY/ACTION
Charger doesn't work. Charger shows defective mode (LED flashes Red)	Battery or Charging Base is defective or bad connection between Battery and Charging Base	1) Try to remove and reinsert Battery in the Charging Base 2) Try charging a different battery 3) Unplug Charging Base and wait until the red LED goes out. Then reconnect the plug to power supply
Charging Base doesn't work. Charging Base shows evaluation mode (LED indicates Red solid ON)	Battery is too hot or too cold	Allow Battery to reach normal temperature. Charging will begin when Battery returns to 37°F-117°F (3°C-47°C)

2-YEAR LIMITED WARRANTY

CHARGING BASE WARRANTY

StrikeMaster® hereby warranties this product, to the original purchaser with proof of purchase, for a period of two (2) years against defects in materials, parts or workmanship. Batteries must be charged in accordance with the owner's manuals directions and regulations in order to be valid. StrikeMaster, at its own discretion will repair or replace any and all parts found to be defective, through normal use, free of charge to the customer. This warranty is valid only for units which have been used for personal use that have not been hired or rented for industrial/ commercial use, and that have been maintained in accordance with the instructions in the owner's manual supplied with the product from new.

ITEMS NOT COVERED BY WARRANTY

1. Any part that has become inoperative due to misuse, commercial use, abuse, neglect, accident, improper maintenance, or alteration; or
2. The unit, if it has not been operated and/or maintained in accordance with the owner's manual; or
3. Normal wear, routine maintenance, normal deterioration of finish due to use or exposure.

REGISTER YOUR PRODUCT ONLINE TO ACTIVATE YOUR WARRANTY

www.rapala.com/content/rapala-brand-warranties/strikemaster-warranty.html

TRANSPORTATION CHARGES

Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. It is the purchaser's responsibility to pay transportation charges for any part submitted for replacement under this warranty unless such return is requested in writing by StrikeMaster®.



Suite 100, 935 Aldrin Drive, Eagan, MN 55121
USA CUSTOMER SERVICE EMAIL:
strikemaster@rapalaua.com
TOLL-FREE HELPLINE: 1-877-572-7278
(Monday - Friday / 8am - 4:30pm CST)
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